

PULTRUSION SYSTEMS AND PROCESS

Abstract

Polyisocyanate-based reaction systems, a pultrusion process of those systems to produce reinforced matrix composites, and to composites produced thereby. The polyisocyanate-based systems are mixing activated reaction systems that include a polyol composition, an optional chain extender or crosslinker, and a polyisocyanate. The polyisocyanate-based systems exhibit improved processing characteristics in the manufacture of fiber reinforced thermoset composites via reactive pultrusion.